

[POST-PATIENT COLLIMATOR ASSEMBLY]

Abstract

A method of manufacturing a collimator assembly is provided. The method includes placing a first core element within a first center collimator path of a first collimator tube to create a first base-tube couple. A couple cross-section of the first base-tube couple is reduced such that the first base-tube couple becomes a first single-fiber fiber. The first single-fiber fiber is assembled into a collimator group. The first core element is dissolved such that a first hollow fiber is generated.